

FIG. 1

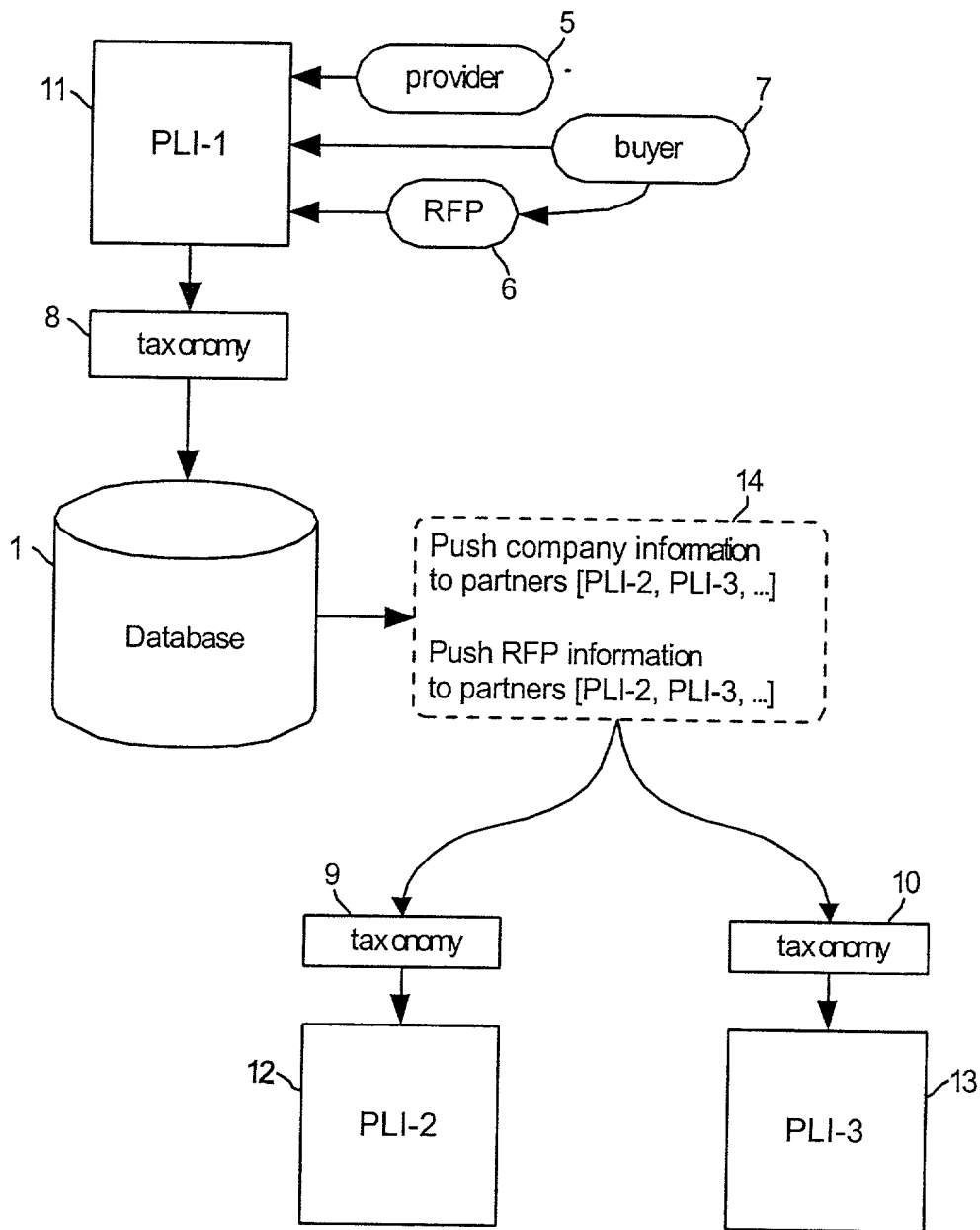


FIG. 2

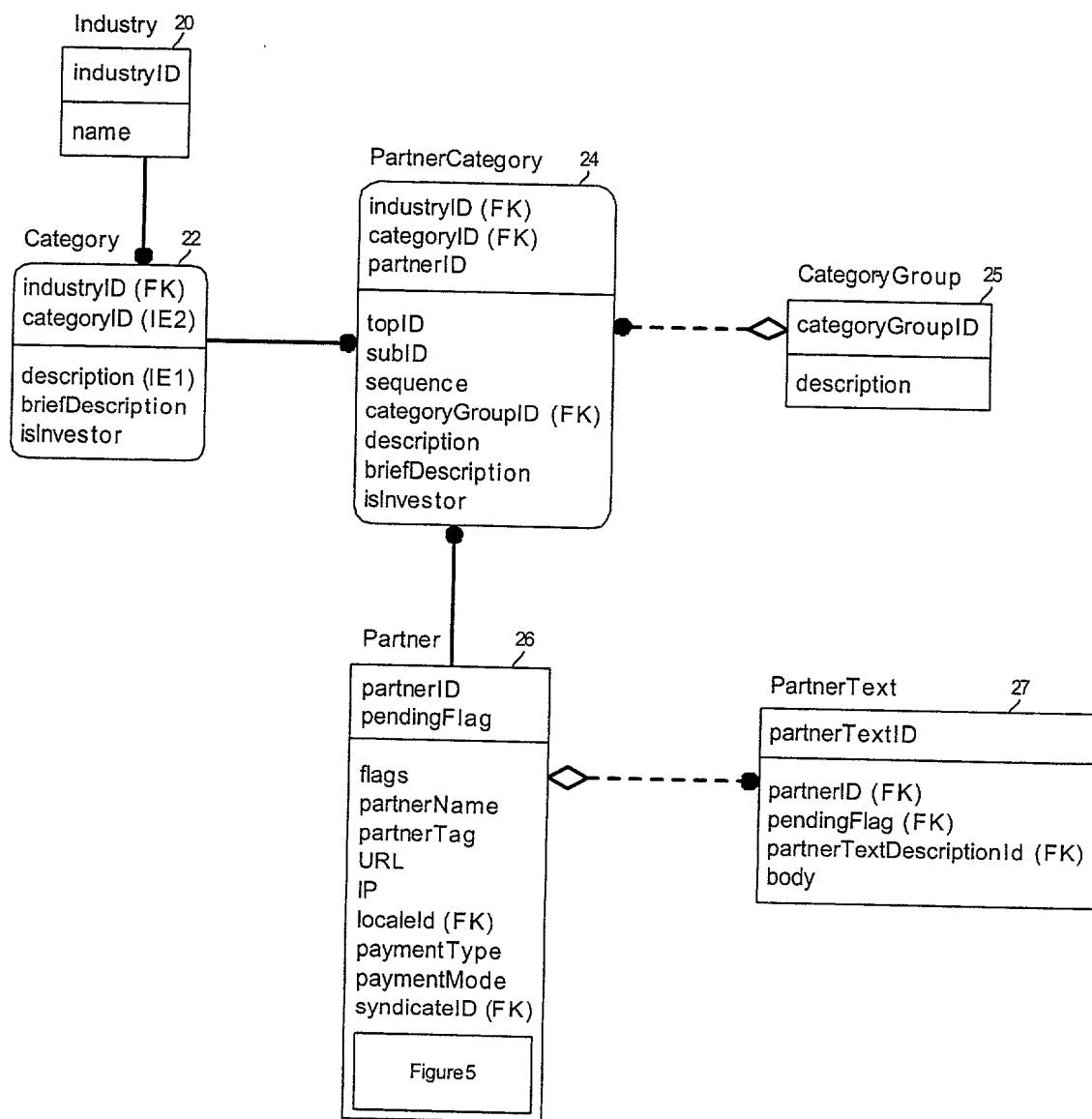


FIG. 3A

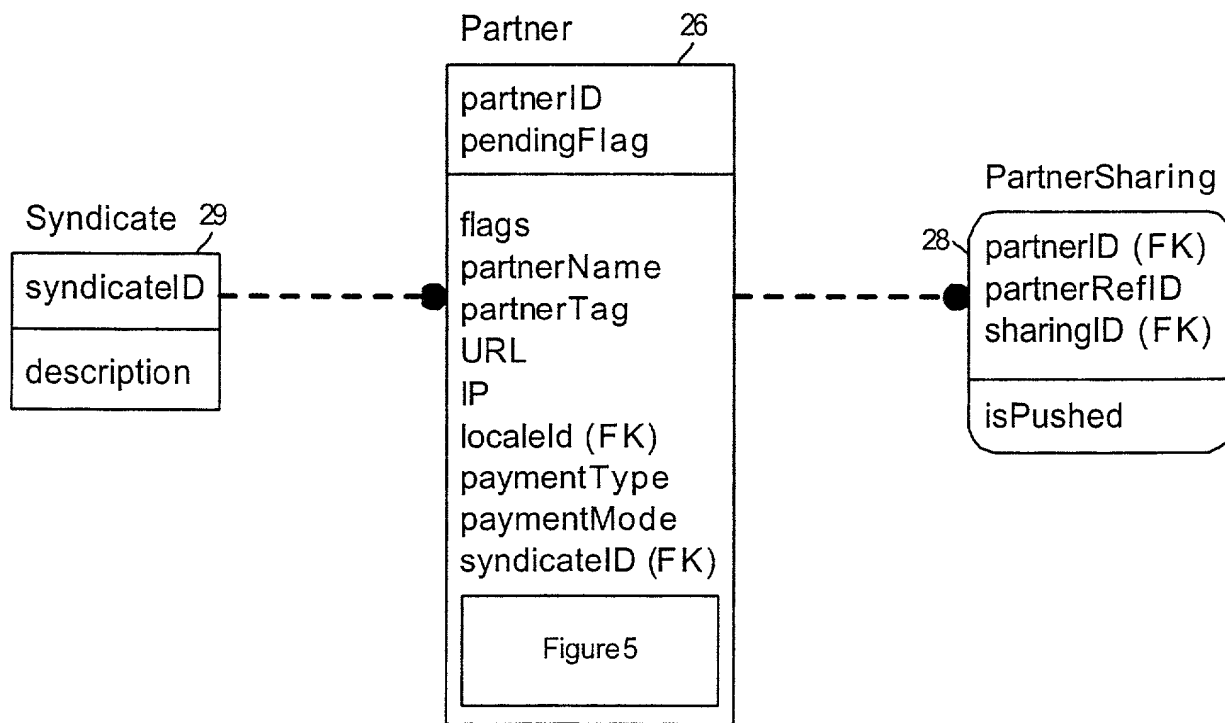


FIG. 3B

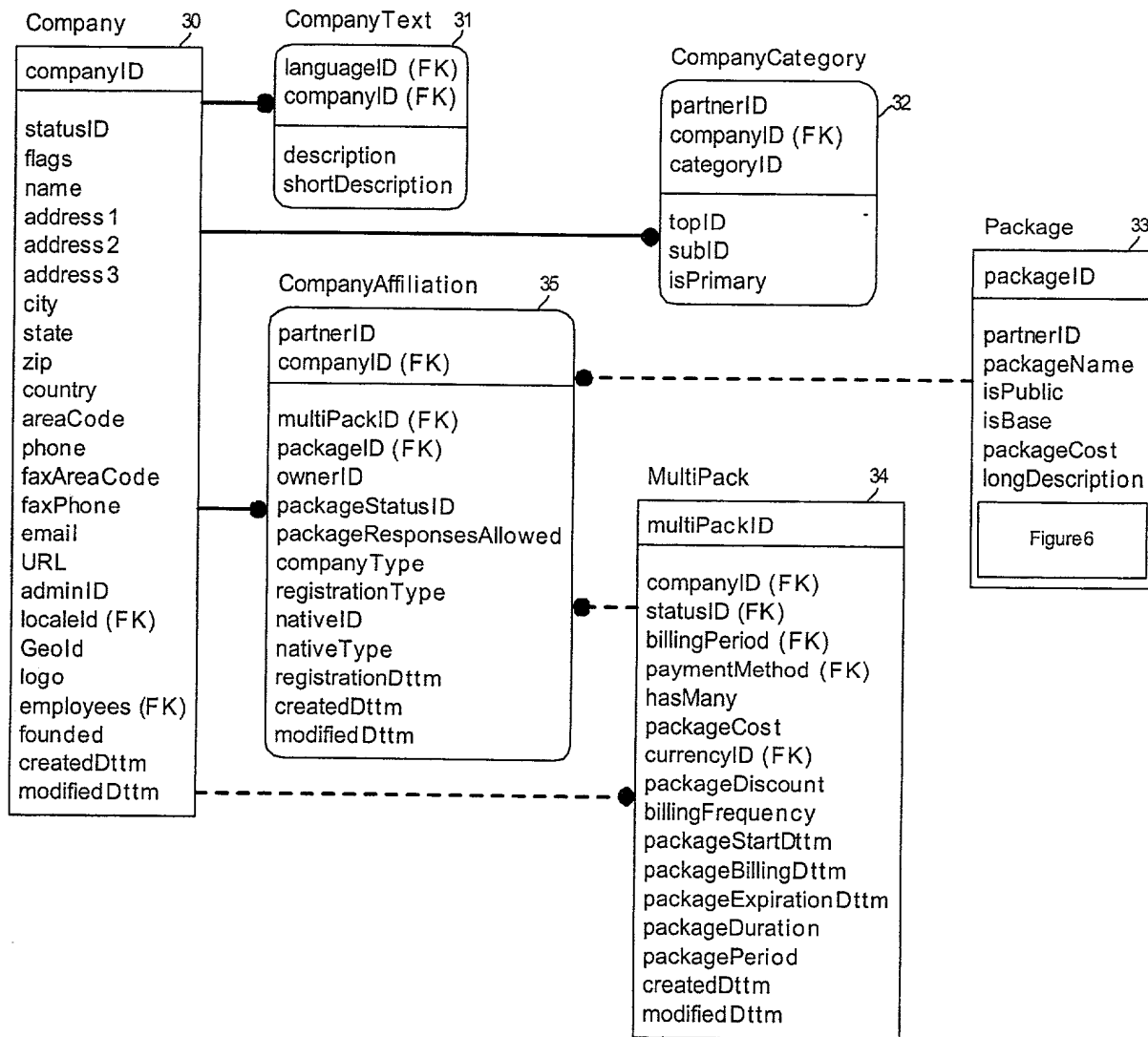


FIG. 3C

FIG. 3D

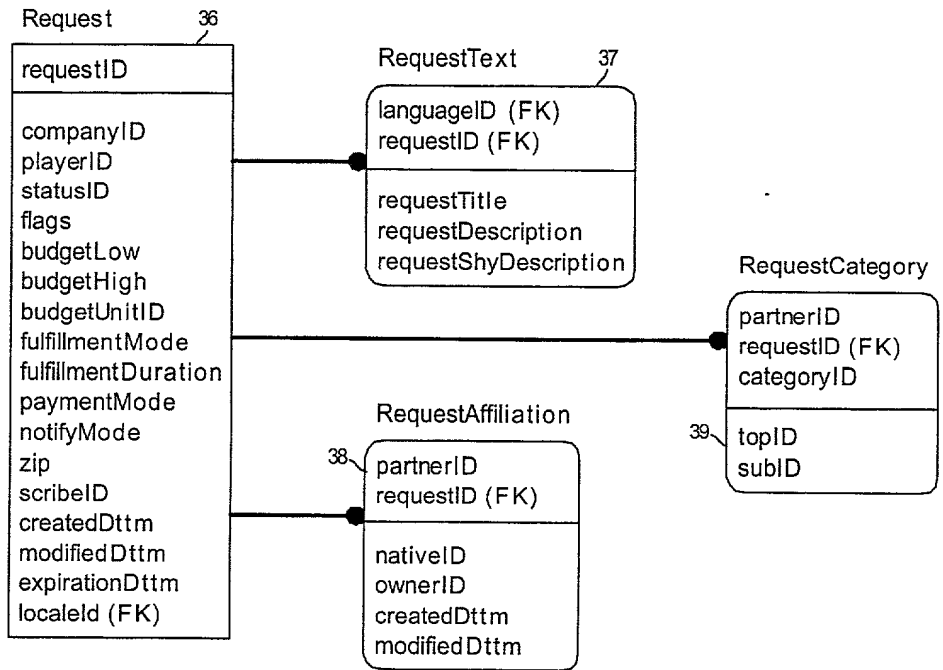


FIG. 3D

TOP SECRET 2025-06-06

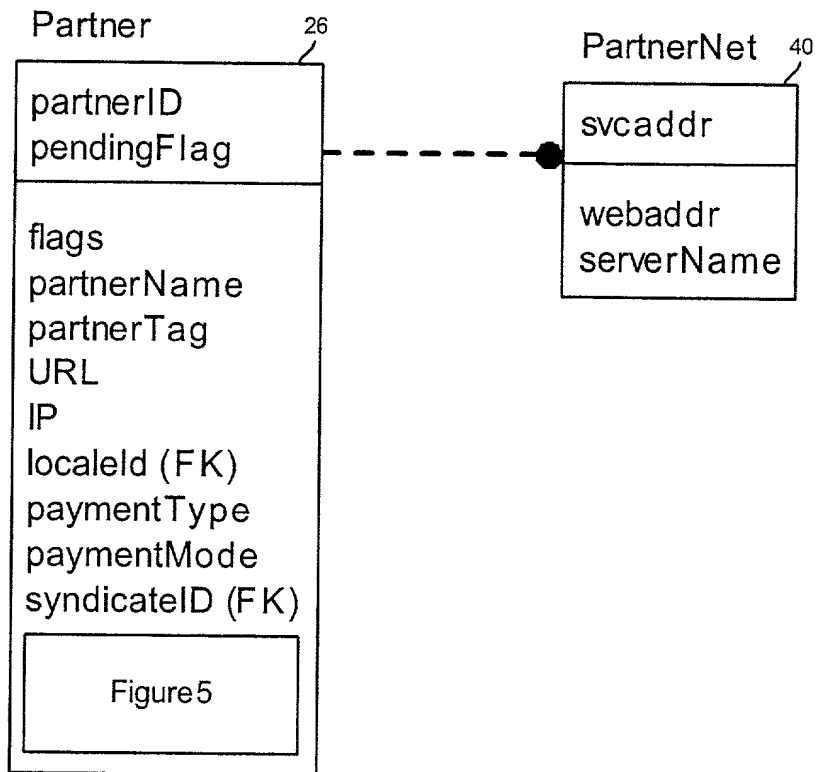


FIG. 3E

TOP SECRET

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Partner table

partnerID	partnerName
1	Partner-A
2	Partner-B
3	Partner-C
4	Partner-D

44

Category table

industryID	categoryID	description
1	1	Co-location
1	2	Hardware
1	3	Networking
1	4	Training/Education
1	5	Web Authoring
1	6	Web Development

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PartnerSharing table

partnerID	partnerRefID	sharingID	isPushed
1	0	1	1
1	0	2	1
2	0	2	1
3	0	2	1
3	4	1	1
4	0	2	1
4	3	1	1

refID 0 is a wildcard, sharingID 1 shares Companies, sharingID 2 shares RFPs

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Industry table

industryID	name
1	IT Services

45

PartnerCategory table

industryID	partnerID	categoryID	topID	subID
1	1	1	1	0
1	1	2	1	1
1	1	3	1	2
1	1	4	2	0
1	1	5	2	1
1	1	6	2	2
2	1	1	1	0
2	1	2	1	1
2	1	3	1	2
2	1	4	2	0
2	1	5	2	1
2	1	6	2	2
3	1	1	1	0
3	1	2	1	1
3	1	3	1	2
4	1	1	1	0
4	1	2	1	1
4	1	3	1	2

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Company Sharing Matrix

	Pat refA	Pat refB	Pat refC	Pat refD
PartnerA		1	2	2
PartnerB	-		-	-
Partner C	-	-		2
Partner D	-	-	2	

1 - all companies in all categories are pushed  
2 - all companies in categories 1, 2, and 3 are pushed

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RFP Sharing Matrix

	Pat refA	Pat refB	Pat refC	Pat refD
PartnerA		1	2	2
PartnerB	1		2	2
Partner C	2	2		2
Partner D	2	2	2	

1 - all RFPs pushed  
2 - all RFPs in categories 1, 2, and 3 are pushed

FIG. 4



Partner

26

packageID
pendingFlag
partnerName
partnerTag
flags
URL
IP
logo
enableBranding
supportEmail
syndicateID
industryID
title
bodyWidth
buttonBg
buttonFg
buttonType
buttonSize
buttonFlags
mainBg
mainFg
mainBgimg
mainType
mainSize
mainFlags
highlightFg
errorFg
errorFlags
titleFg
titleType
titleSize
titleFlags
kickerFg
kickerType
kickerSize
kickerFlags
badgeBg
badgeFg
badgeType
badgeSize
badgeFlags
navbarBg
navbarFg
navbarType
navbarSize
navbarFlags
linkColor
alinkColor
vlinkColor
hoverLinkColor
probarHeadBg
probarHeadFg
probarHeadType
probarHeadSize
probarHeadFlags

probarCellBg  
 probarCellFg  
 probarCellType  
 probarCellSize  
 probarCellFlags  
 tableHeadBg  
 tableHeadFg  
 tableHeadLinkColor  
 tableHeadHoverColor  
 tableHeadType  
 tableHeadSize  
 tableHeadFlags  
 tableSubHeadBg  
 tableSubHeadFg  
 tableSubHeadLinkColor  
 tableSubHeadHoverColor  
 tableSubHeadType  
 tableSubHeadSize  
 tableSubHeadFlags  
 tableCellBg  
 tableCellFg  
 tableCellAltBg  
 tableCellType  
 tableCellSize  
 tableCellFlags  
 tableBorder  
 tableCellSpacing  
 tableCellPadding  
 tipsWidth  
 tipsBg  
 tipsFg  
 tipsType  
 tipsSize  
 tipsFlags  
 catStyle  
 catHeadBg  
 catHeadFg  
 catHeadType  
 catHeadSize  
 catHeadFlags  
 catSubHeadBg  
 catSubHeadFg  
 catSubHeadType  
 catSubHeadSize  
 catSubHeadFlags  
 catCellBg  
 catCellAltBg  
 catCellFg  
 catCellType  
 catCellSize  
 catCellFlags

catPopupBg  
 catPopupFg  
 catPopupType  
 catPopupSize  
 catPopupFlags  
 catPopupLinkColor  
 catPopupHoverColor  
 noticeBg  
 noticeType  
 noticeSize  
 noticeFlags  
 searchBg  
 searchPlacement  
 toolbarPlacement  
 tipsPlacement  
 aboutPlacement  
 modifiedDtm  
 localeId  
 supportPhone  
 createdDtm  
 facilityId  
 paymentType  
 parentURL  
 Description  
 paymentMode

FIG. 5

FIG. 6

Package

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packageID
packageID
partnerID
isPublic
isBase
packageName
packageCost
pricePerRFP
longDescription
currencyID
principals
yearFounded
investors
uploadCapabilities
clients
noOfEmployees
revenue
specialty
basicPresence
boldFont
largerFont
listTop
responsesAllowed
budgetUnit
duration
companyURL
sequence
insertNeeds
alertEarly
alertEmail
floatTop
respBold
isActive
noOfCategories
target
listingShort
listingDescription
presenceShort
presenceDescription
isNonStandard
hoursDelayed
uploadSize
hasGeneralEmail
hasAdminPhone
hasDuns
hasStockTicker
hasShortDescription
hasAskMe
hasContactIcon
noOfCategoryGroups
localResponsesAllowed
isAutoRenew

FIG. 6

Given 1: company and package configuration

51  
/

Company	
companyID	name
1	Company-A
2	Company-B
3	Company-C

52  
/

Package table				
packageID	partnerID	packageName	isBase	cost
1	1	Package-1A	1	\$0
2	1	Package-1B	0	\$99.99
3	2	Package-2A	1	\$0
4	2	Package-2B	0	\$99.99
5	3	Package-3A	1	\$0
6	3	Package-3B	0	\$99.99
7	4	Package-4A	1	\$0
8	4	Package-4B	0	\$99.99

Given 2: subscription activity

- 53  
/
- Company-A purchases Package-1B on Partner-A in category 1, Co-Location
  - Company-B purchases Package-1B on Partner-A in category 4, Training/Education
  - Sales agent sells multi-pack to Company-C on Partner-B/Package-2B and Partner-C/Package-3B in category 4, Training/Education

Result: including SSP and DSE

54  
/

CompanyCategory table					
partnerID	companyID	categoryID	topID	subID	isPrimary
1	1	1	1	0	1
1	1	2	1	1	0
1	1	3	1	2	0
2	1	1	1	0	1
2	1	2	1	1	0
2	1	3	1	2	0
1	2	4	2	0	1
1	2	5	2	1	0
1	2	6	2	2	0
2	2	4	2	0	1
2	2	5	2	1	0
2	2	6	2	2	0
3	2	4	2	0	1
3	2	5	2	1	0
3	2	6	2	2	0
4	2	4	2	0	1
4	2	5	2	1	0
4	2	6	2	2	0
2	3	4	2	0	1
2	3	5	2	1	0
2	3	6	2	2	0
3	3	4	2	0	1
3	3	5	2	1	0
3	3	6	2	2	0
4	3	4	2	0	1
4	3	5	2	1	0
4	3	6	2	2	0

55  
/

MultiPack table	
multiPackID	companyID
1	1
2	1
3	2
4	2
5	2
6	2
7	3
8	3

56  
/

CompanyAffiliation table			
partnerID	companyID	multiPackID	packageID
1	1	*1	2
2	1	2	3
1	2	*3	2
2	2	4	3
3	2	5	5
4	2	6	7
2	3	*7	2
3	3	*7	4
4	3	8	5

FIG. 7

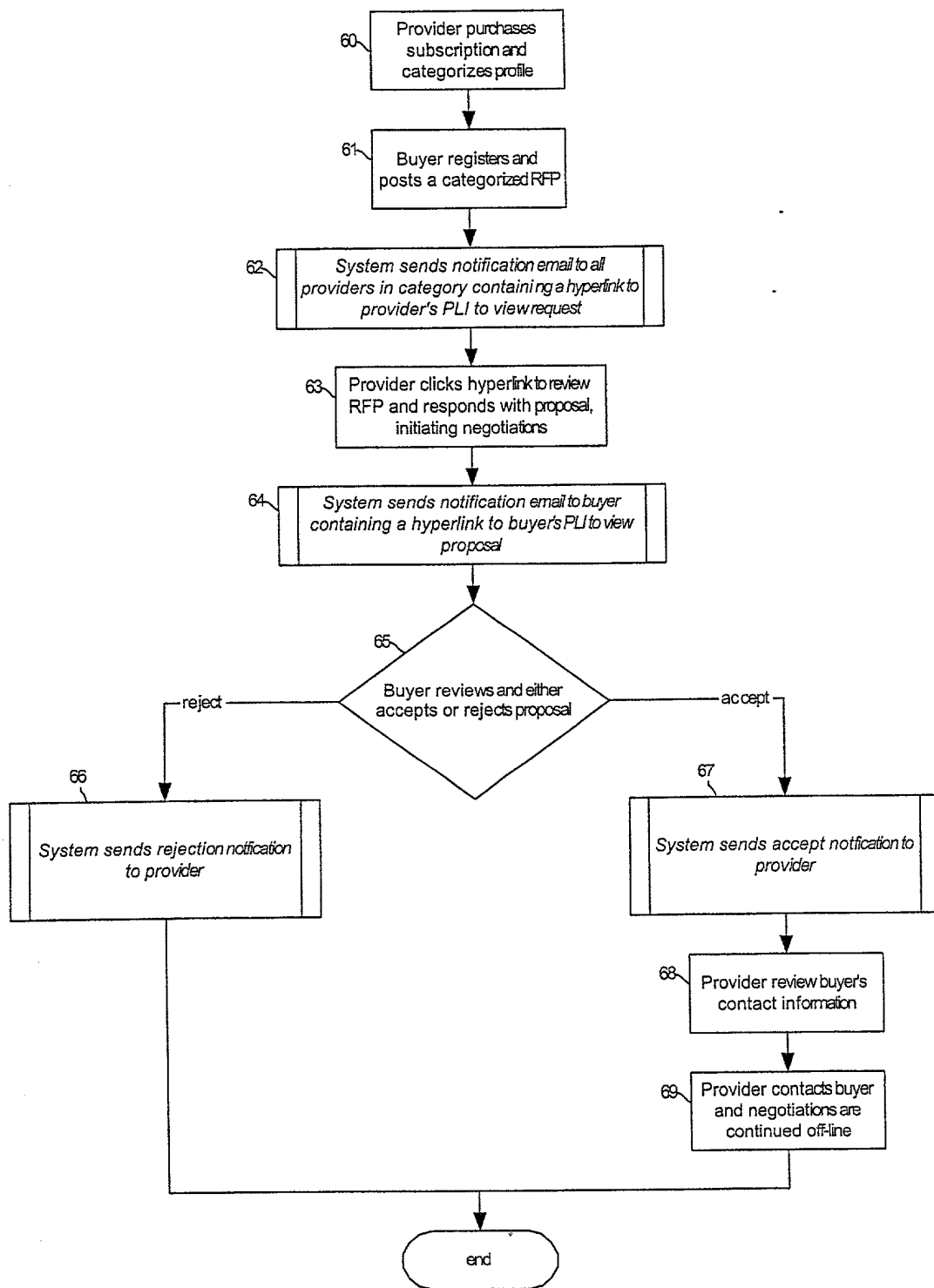


FIG. 8A

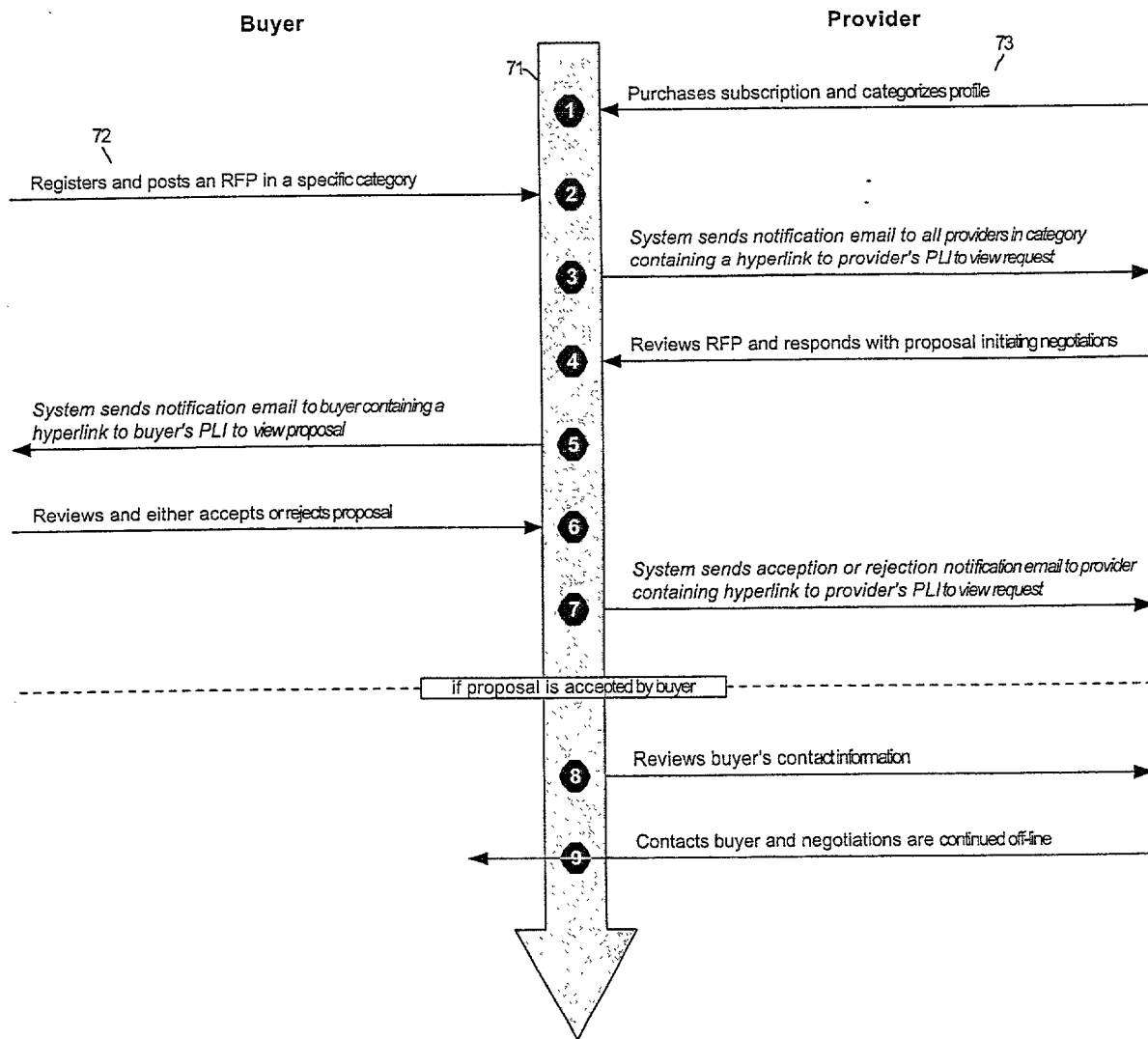


FIG. 8B

FIG. 9A

### Building your RFP

The primary category is **ASP**.  
This RFP will be posted **anonymously**.

#### TARGET YOUR RFP

What type of vendor are you looking for? You'll be able to get more specific on the next page.  
For now, simply pick a primary category.

For definitions, click on the category name.

<input type="radio"/> <u>Accounting</u>	<input type="radio"/> <u>Non-Internet</u>
<input type="radio"/> <u>Advertising</u>	<input type="radio"/> <u>Public relations</u>
<input type="radio"/> <u>Consulting</u>	<input type="radio"/> <u>Real Estate</u>
<input type="radio"/> <u>Financial services</u>	<input type="radio"/> <u>Shipping</u>
<input type="radio"/> <u>Hardware</u>	<input type="radio"/> <u>Software</u>
<input type="radio"/> <u>HR</u>	<input type="radio"/> <u>Telecom.</u>
<input type="radio"/> <u>Insurance</u>	<input type="radio"/> <u>Training/Ed.</u>
<input type="radio"/> <u>ISP</u>	<input type="radio"/> <u>Web content</u>
<input type="radio"/> <u>IT Services</u>	<input type="radio"/> <u>Web hosting</u>
<input type="radio"/> <u>Legal</u>	<input checked="" type="radio"/> <u>Web develop.</u>
<input type="radio"/> <u>Network services</u>	

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Continue >>

Cancel

FIG. 9A

Building your RFP

The primary category is **Web develop..**  
This RFP will be posted **anonymously**.

GET MORE SPECIFIC

You chose to target your RFP to companies in the category: **Web develop..**

The following "specialties" exist in that category. Choose any/all that apply.

[choose all] [clear all]

Web develop. specialties:

☒ Custom programming/apps

☒ Database Management

☒ Ecommerce

☒ Full Service Agency

☒ Graphic design

☒ Intranet/Extranet

☒ Systems integration

☒ Web site maintenance

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Continue>>

<<Back

Cancel

FIG. 9B

<b>RFP Basics</b>	
The primary category is Web develop.. This RFP will be posted anonymously.	
<b>TITLE OF MY RFP</b>	
Store front Implementation, IIS and ASP (e.g. "Intranet Development" or "Legal Services")	85
<b>DESCRIPTION</b>	
We are a large bicycle chain and would like to start an online store front to sell our bicycles. We need an e-commerce solution that will run on IIS using ASP.	86
<b>LOCATION</b>	
Closest zip or postal code to where this RFP must be filled.	
<input type="radio"/> Any Zip Code <input checked="" type="radio"/> In <input type="text" value="02456"/> (Zip Code) In <input type="text" value="United States"/>	87
<b>RFP EXPIRATION</b>	
I'm looking to fill this RFP:	
<input checked="" type="radio"/> Within the next 30 Days (Default value) <input type="radio"/> Within <input type="text" value=""/> Days	88
<b>BUDGET</b>	
My budget range is:	
<input type="text" value="under 10,000"/> USD (\$)	89
<b>PAYMENT</b>	
I'll pay vendors using:	
<input checked="" type="radio"/> Cash <input type="radio"/> Equity <input type="radio"/> Combo/Other	90
<b>SHORT COMPANY DESCRIPTION</b>	
Since your RFP will be posted anonymously, it may help potential vendors to know a little bit about you.	
If you choose, you may include a short description here.	
(If you've posted anonymous RFPs before, the description you've most recently used is included.)	
<input type="text"/>	91
<b>NOTIFICATION</b>	
In addition to updating your left-hand toolbar every time a vendor responds to your RFP, we can also send you email.	
Select an email option:	
<input type="radio"/> Don't notify me, I'll come in and check regularly <input checked="" type="radio"/> Email me every response <input type="radio"/> Email me every 5 responses	92
93	<input type="button" value="Continue &gt;&gt;"/> <input type="button" value="Back &lt;&lt;"/> <input type="button" value="Cancel"/>

FIG. 9C



FIG. 9D

### Ask questions of vendors

You have the opportunity to post specific questions of vendors you're targeting.

#### ENTER NEW QUESTION

Enter your customized question here:

94

☒ Check here if you require an answer to this question

Add question

95

#### MY QUESTIONS

SEQUENCE	QUESTION	<input checked="" type="checkbox"/> required	FUNCTIONS
1	<input checked="" type="checkbox"/> How many years have you been developing?		<div><div>↓</div><div>move down</div><div>↻</div><div>edit</div><div>✕</div><div>delete</div></div>
2	<input checked="" type="checkbox"/> How many engineers do you have available		<div><div>↑</div><div>move up</div><div>↻</div><div>edit</div><div>✕</div><div>delete</div></div>

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Continue >>

<< Back

Cancel

FIG. 9D

THE BASICS <span style="float: right;">[ edit ]</span>	
Company issuing RFP:	Anonymous
Title of RFP:	Store front implementation, IIS and ASP
Description of RFP:	We are a large bicycle chain and would like to start an online store front to sell our bicycles. We need an e-commerce solution that will run on IIS using ASP.
Closest Zip Code to where this RFP must be filled:	02458 (Newton, Massachusetts) in United States
This RFP needs to be filled:	within the next 30 Days
Our budget range:	no greater than \$10,000
We'll pay vendors using:	Cash
Notification:	Email me every response
Anonymous description:	
TARGETED VENDORS <span style="float: right;">[ edit ]</span>	
<p>You've targeted your RFP in the following main category:</p> <ul style="list-style-type: none"> <li><b>Web develop.</b> <ul style="list-style-type: none"> <li>Custom programming/apps</li> <li>Database Management</li> <li>Ecommerce</li> <li>Full Service Agency</li> <li>Graphic design</li> <li>Intranet/Extranet</li> <li>Systems integration</li> <li>Web site maintenance</li> </ul> </li> </ul>	
QUESTIONS TO VENDORS <span style="float: right;">[ edit ]</span>	
<p>Vendors will be asked the following question(s):</p> <ol style="list-style-type: none"> <li>1. How many years have you been developing?</li> <li>2. How many engineers do you have available</li> </ol>	
<div style="display: flex; justify-content: space-between; align-items: center;"> <span>98</span> <div> <span>Submit &gt;&gt;</span> <span>Save and finish later</span> <span>Cancel</span> </div> </div>	

FIG. 9E

FOI 2012-000550

<b>News Feed Service</b>		6 Responses
<b>THE BASICS</b>		
<b>Company posting RFP:</b>	<i>Anonymous</i>	
<b>Anonymous description:</b>	We are an award-winning business media company with an audience that expects the highest quality content and services.	
<b>Description of RFP:</b>	We are looking for a cost-effective and flexible way to integrate third-party news feeds into our site. Key requirements are: 1. Timely updated news (business & finance) 2. Ability to filter by sources 3. Ability to filter by topic 4. Ability to edit headline links 5. Fair pricing based on page views 6. Quality sources 7. Easy integration into our CMS OR ASP hosting of stories with private label presentation 8. Ability to serve our ads on article pages	
<b>This RFP must be filled in the following country:</b>	Anywhere in United States	
<b>Date posted:</b>	Friday, March 16, 2001	
<b>This RFP expires on:</b>	Sunday, April 15, 2001	
<b>Our budget:</b>	\$10,001 - \$25,000	
<b>We'll pay vendors using:</b>	Cash	
<b>TARGETED VENDORS</b>		
This RFP is targeted to vendors specialized in the following category:		
<p><b>Web content</b> Media and news feeds</p>		
<b>QUESTIONS TO VENDORS</b>		
You've chosen to ask targeted vendors the following questions:		
<p>1. Who are your three most respected news providers?</p> <p>2. Please list the URL of a client site (or demo site) using your services.</p>		
101	<input type="button" value="Respond to this RFP &gt;&gt;"/>	

FIG. 10A

FIG. 10B

News Feed Service		
<p>We are looking for a cost-effective and flexible way to integrate third-party news feeds into our site. Key requirements are: 1. Timely updated news (business &amp; finance) 2. Ability to filter by sources 3. Ability to filter by topic 4. Ability to edit headline links 5. Fair pricing based on page views 6. Quality sources 7. Easy integration into our CMS OR ASP hosting of stories with private label presentation 8. Ability to serve our ads on article pages</p>		
ABOUT YOU		INCLUDE
Contact name:	Steven M Cohn	102 <input checked="" type="checkbox"/>
Contact email:	steven@newmediary.com	<input checked="" type="checkbox"/>
Bus. phone:	(617) 9287900	<input checked="" type="checkbox"/>
Fax number:	(617) 928-5080	<input checked="" type="checkbox"/>
NOTE: Links to company profiles are provided to listing parties. Please keep them current.		
QUESTIONS		<input checked="" type="checkbox"/> required
1. <input checked="" type="checkbox"/> Who are your three most respected news providers?	BCD News Co, EFG News Co, and HIJ News Co. 103	
2. <input checked="" type="checkbox"/> Please list the URL of a client site (or demo site) using your services.	http://	
MORE INFORMATION		
If you would like to supply any further information, please enter it here:		
104	Have experience incorporating news feeds with some of the top news aggregation services on the Web.	
105	Review response >>	

FIG. 10B

0903257-074101  
FOI b 7 - D

<b>News Feed Service</b>	
We are looking for a cost-effective and flexible way to integrate third-party news feeds into our site. Key requirements are: 1. Timely updated news (business & finance) 2. Ability to filter by sources 3. Ability to filter by topic 4. Ability to edit headline links 5. Fair pricing based on page views 6. Quality sources 7. Easy integration into our CMS OR ASP hosting of stories with private label presentation 8. Ability to serve our ads on article pages	
<b>ABOUT YOU</b>	
Contact name:	Steven M Cohn
Bus. phone:	(617) 9287900
FAX:	(617) 928-5080
NOTE: Links to company profiles are provided to listing parties. Please keep them current.	
<b>QUESTIONS</b>	
1. Who are your three most respected news providers?	BCD News Co, EFG News Co, and HIJ News Co.
2. Please list the URL of a client site (or demo site) using your services.	http://
<b>MORE INFORMATION</b>	
Have experience incorporating news feeds with some of the top news aggregation services on the Web.	
106	<a href="#">Submit response &gt;&gt;</a> <a href="#">&lt;&lt; Edit response</a>

FIG. 10C

Providers Listed:  
20,506  
Value of Active RFPs:  
\$24,961,435  
Total Value of RFPs:  
\$303,240,302

**Find a provider  
by category:**

**Business  
Computing**  
[Hardware](#)  
[IT Services](#)  
[Network services](#)  
[Software](#)  
[Telecom.](#)  
**Business  
Services**  
[Accounting](#)  
[Consulting](#)  
[HR](#)  
[Insurance](#)  
[Legal](#)  
[Non-Internet](#)  
[Public relations](#)  
[Training/Ed.](#)  
[Advertising](#)  
[Financial services](#)  
[Real Estate](#)

your gateway to the premier network  
of online directories for e-business services.

**Posting an RFP is fast, free, and easy:**

1. You outline your business needs
2. We push your request to qualified providers
3. You review provider proposals
4. You choose a provider and get the job done!



**post an RFP** on our network

**Find E-Business service providers**

Not ready to post an RFP just yet? Use our directory to  
create a short list of providers for upcoming projects.



**search** for a provider across our network

**mymediary**

**STEVEN M COHN**

Last visit was  
at 9:20 AM  
EST

**LOGOUT**

**MY ACCOUNT**

**stats**

Company name:  
**Newmediary.com**

Main category:

**Web content**

Location:

**Newton, MA**

Listing package:

**Enhanced**

**UPGRADE  
NOW**

**EDIT MY  
PROFILE**

**FIND PROVIDERS**

4 RFPs I've  
posted

**POST  
RFP**

18 bids  
received

**MY RFP  
CENTER**

**FIND CLIENTS**

6 RFPs in  
my field (0  
new)

**VIEW/  
BID**

2 RFPs I've  
answered

**VIEW**

**COMPETITORS**

1,207 firms  
in my field  
0 new firms

**VIEW**

FIG. 11

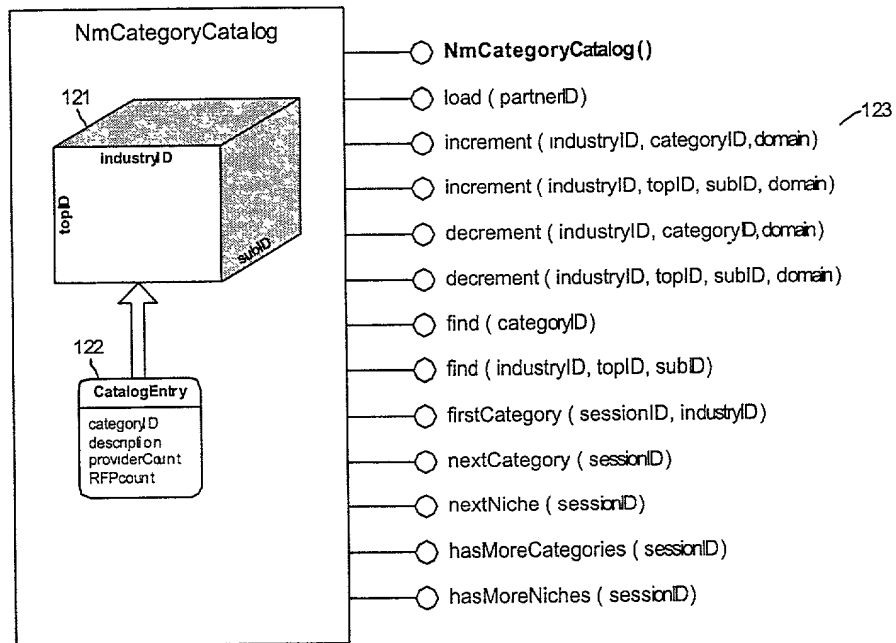


FIG. 12

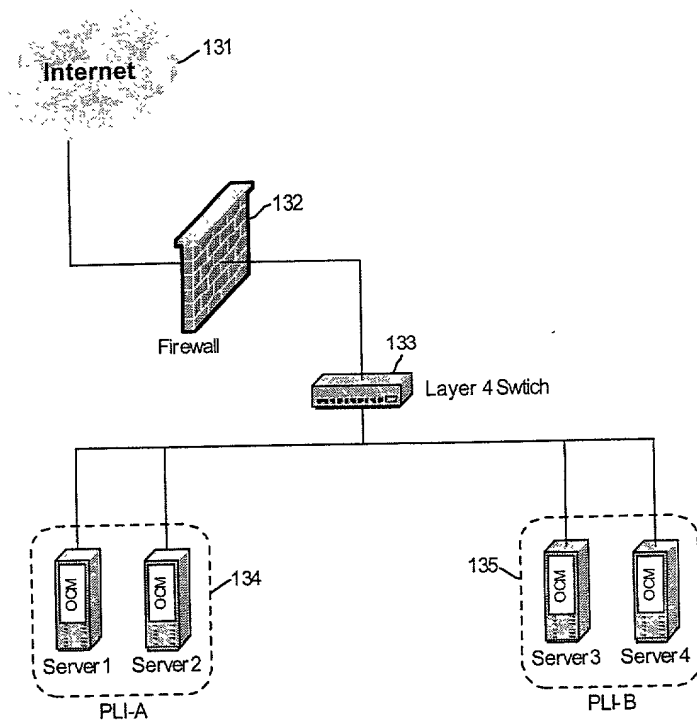


FIG. 13



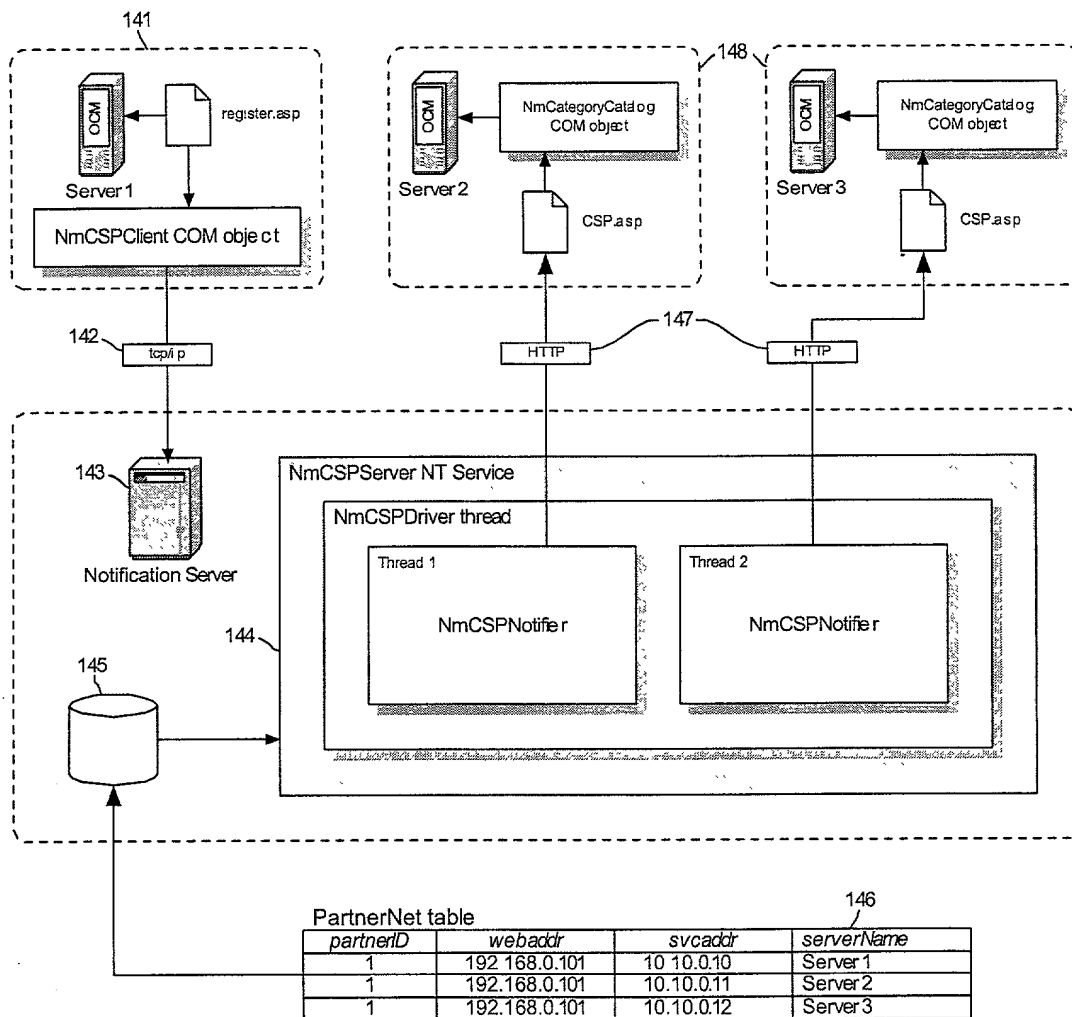


FIG. 14A

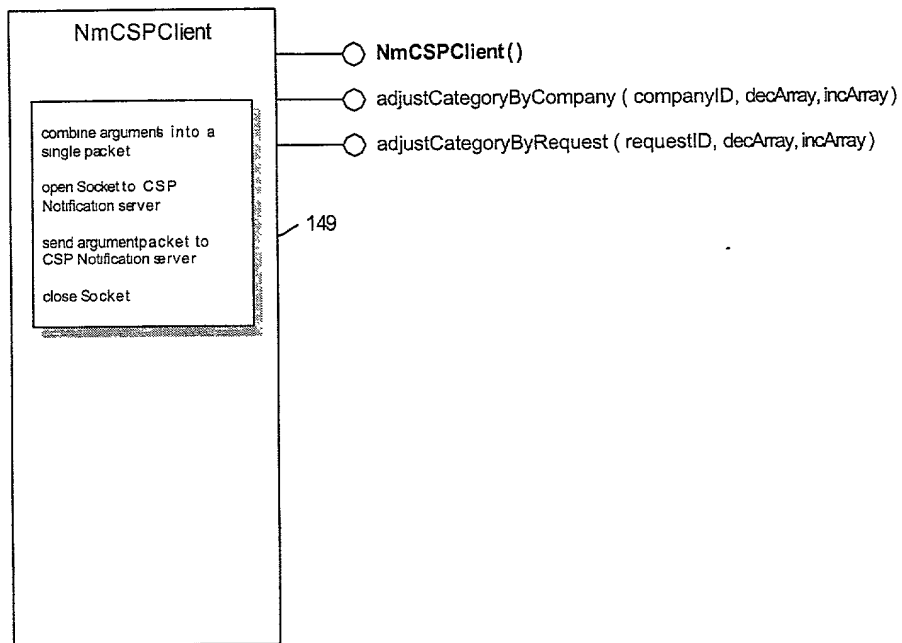


FIG. 14B

FIG. 15

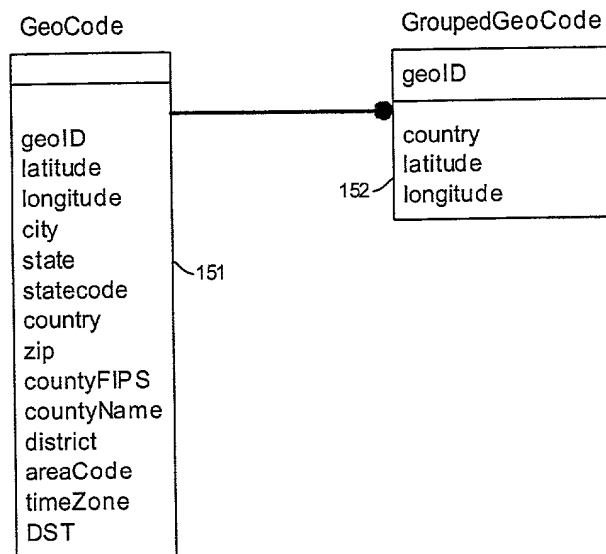


FIG. 15

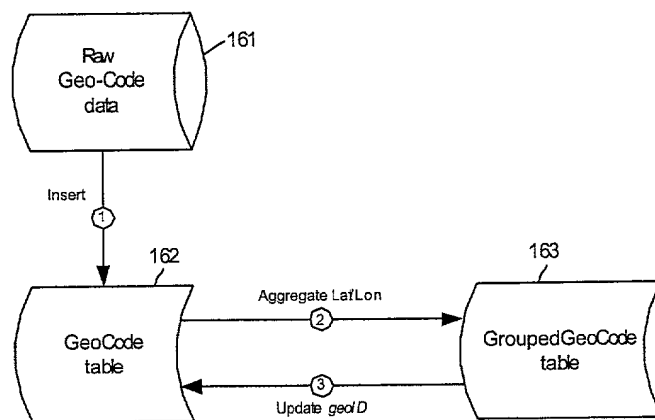


FIG. 16

## Searching Newmediary

Use the search form below to find Company Profiles or RFPs.

When Search Results appear, you'll be able to sort them as you wish. For tips on searching, [click here](#).

### Search Options

#### SELECT A CATEGORY

171  
Web hosting

To search within sub-categories,  
choose a main category above and  
click the button below:

DISPLAY SUB-CATEGORIES

#### OPTIONAL SEARCH CRITERIA

Company name:

Description:

City name:

State:

Zip Code:  172

Country:

Search within:  miles  of the above address

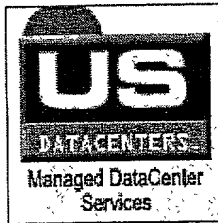
#### LOOK FOR...

- ☒ Company profiles  
☐ RFPs

Search 173

FIG. 17A

PREMIUM COMPANIES IN THIS CATEGORY



**You'd  
have some  
new clients  
by now.**

## Search Results

\* indicates premium company

**Criteria:** Companies in the country **United States** that are within **25 miles** of **Newton, MA** in the category **Web hosting** sorted by **distance** [ [refine criteria](#) ]

1-20 of 73

[next...]

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Click on a column heading to re-sort results

<u>COMPANY</u>	<u>DIST.</u>	<u>CITY, STATE, COUNTRY</u>	<u>SERVICE CATEGORY</u>	
* <u>US DataCenters</u>	174	18.4 mi	Marlborough, MA, US	Web hosting
<u>Newmediary.com</u>		< 1 mi.	Newton, MA, US	Web content
<u>Citysoft, Inc.</u>		1.5 mi	Watertown, MA, US	Web site development
<u>NM Premium</u>		2.1 mi	Brookline, MA, US	Web hosting
<u>Information Technology Systems</u>		2.1 mi	Newton, MA, US	Web site development
<u>Spider Web Hosting Solutions, Inc.</u>		3.1 mi	Boston, MA, US	Web hosting
<u>TienTao Studios</u>		3.1 mi	Boston, MA, US	Web hosting
<u>Galaxy Internet Services</u>		3.2 mi	Newton, MA, US	Internet service providers
<u>Kunian Group, The</u>		3.4 mi	Brookline, MA, US	Advertising/Marketing
<u>Boomerang Software Inc</u>		3.5 mi	Belmont, MA, US	Web hosting
<u>Channel 1 Communications</u>		3.7 mi	Cambridge, MA, US	Web content
<u>Exodus Communications, Inc.</u>		3.8 mi	Waltham, MA, US	Internet service providers
<u>Mobiusystem Internet Studio</u>		3.8 mi	Waltham, MA, US	Advertising/Marketing
<u>ISMHosting</u>		4 mi	Needham, MA, US	Web hosting
<u>Bx.Com, Inc.</u>		4 mi	Needham, MA, US	Web site development
<u>321Web</u>		4 mi	Needham, MA, US	Web hosting
<u>Thunder Hawk Internet Systems</u>		4.6 mi	Boston, MA, US	Web site development
<u>ArsDigita</u>		4.6 mi	Cambridge, MA, US	Web site development
<u>Adero</u>		4.6 mi	Cambridge, MA, US	Web hosting
<u>Active Window Productions Inc</u>		4.8 mi	Cambridge, MA, US	Web site development

[Advanced Search](#) | [Post an RFP](#) | [Get listed](#)

1-20 of 73

[\[ next... \]](#)

**TRY THESE PROVIDERS:**

**GET LISTED** ☐  
☐

Imagine your  
logo here.

## Respond to RFPs

**SEE YOUR  
LOGO HERE**

**www.yourcompany.com**

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FIG. 17B

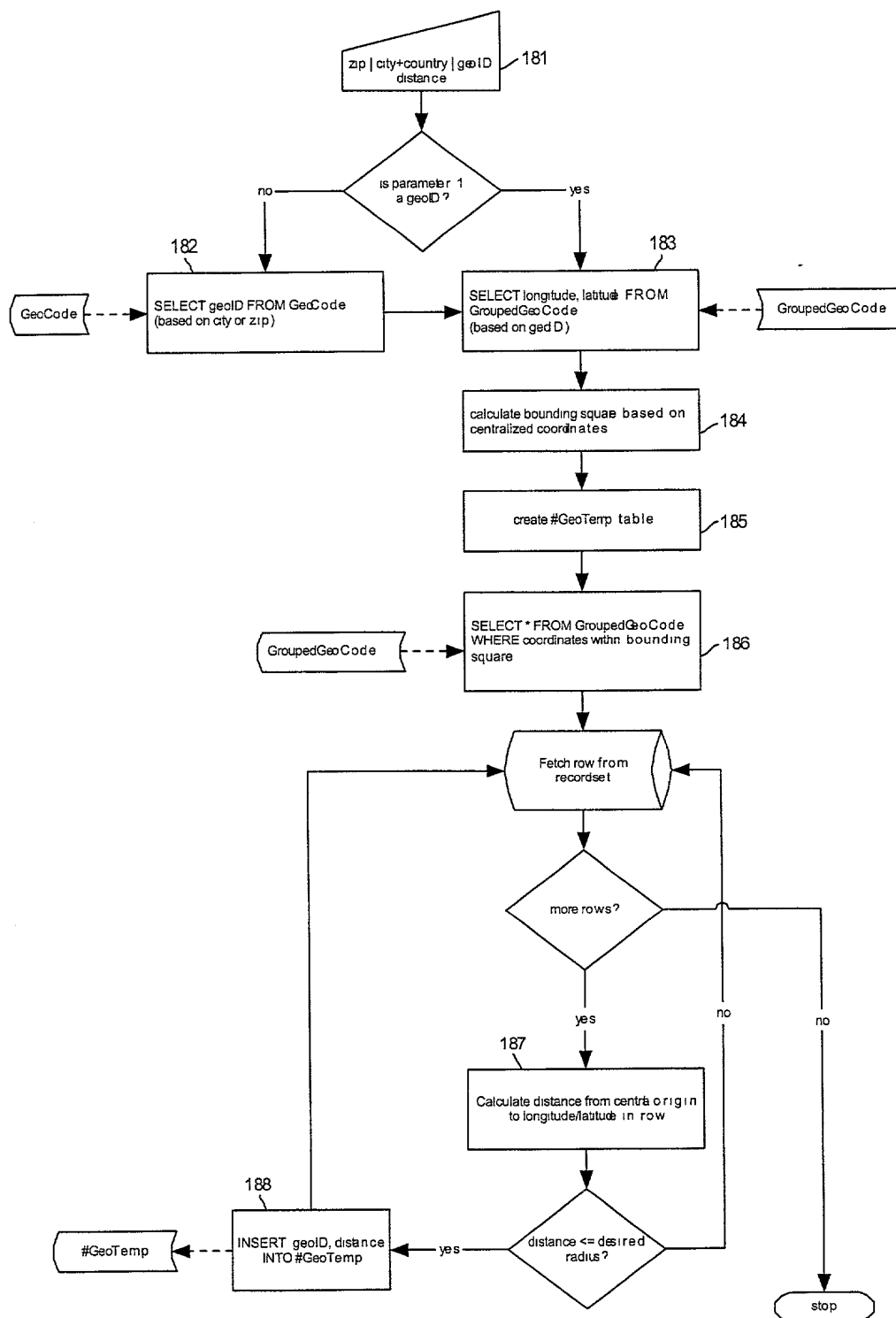


FIG. 18

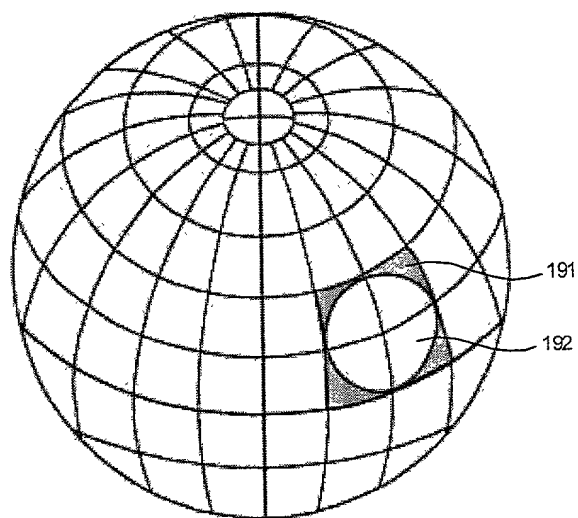


FIG. 19



```

public class NmGeoCode
{
    public static final double METERS_PER_MILE = 1609.344;

    //=====
201 public static double getDistance (double lat1, double lon1, double lat2, double lon2)
    {
        // approx radius; true radius varies from 6357km (polar) to 6378km (equatorial).
        final double EARTH_RADIUS = 6367000; 202

        // convert from degrees to radians
        double rlat1 = lat1 * Math.PI / 180;
        double rlon1 = lon1 * Math.PI / 180;
        double rlat2 = lat2 * Math.PI / 180;
        double rlon2 = lon2 * Math.PI / 180;

        // calculate distance in meters
        double dlat = rlat2 - rlat1;
        double dlon = rlon2 - rlon1;

        double a = Math.pow(Math.sin(dlat / 2), 2)
            + Math.cos(rlat1) * Math.cos(rlat2) * Math.pow(Math.sin(dlon / 2), 2);
        double d = 2 * Math.atan2(Math.sqrt(a), Math.sqrt(1-a)) * EARTH_RADIUS;

        return(d);
    }

    //=====
203 public static double[] getLatLon(double lat1, double lon1, double crs12, double d12)
    {
        final double EPS = 0.000000000005;
        final double convFactor = 1.852; //km to nm

        double dlon, lat2, lon2;
        double rlat1, rlon1, rcrs12, rd12;

        rlat1 = lat1 * Math.PI / 180;
        rlon1 = lon1 * Math.PI / 180;
        rcrs12 = crs12 * Math.PI / 180;
        rd12 = d12 / convFactor; // now we're in nm
        rd12 = rd12 / (180 * 60 / Math.PI); // now we're in radians

        lat2 = Math.asin(Math.sin(rlat1) * Math.cos(rd12)
            + Math.cos(rlat1) * Math.sin(rd12) * Math.cos(rcrs12));

        if (Math.abs(Math.cos(lat2)) < EPS)
            lon2 = 0.; //endpoint a pole
        else
        {
            dlon = Math.atan2(Math.sin(rcrs12) * Math.sin(rd12)
                * Math.cos(rlat1), Math.cos(rd12) - Math.sin(rlat1) * Math.sin(lat2));
            lon2 = mod(rlon1 - dlon + Math.PI, 2 * Math.PI) - Math.PI;
        }

        double[] out = new double[2];
        out[0] = lat2 * (180 / Math.PI);
        out[1] = lon2 * (180 / Math.PI);

        return(out);
    }

    //=====
    private static double mod(double x, double y)
    {
        return(x - y * Math.floor(x / y));
    }
}

```

FIG. 20

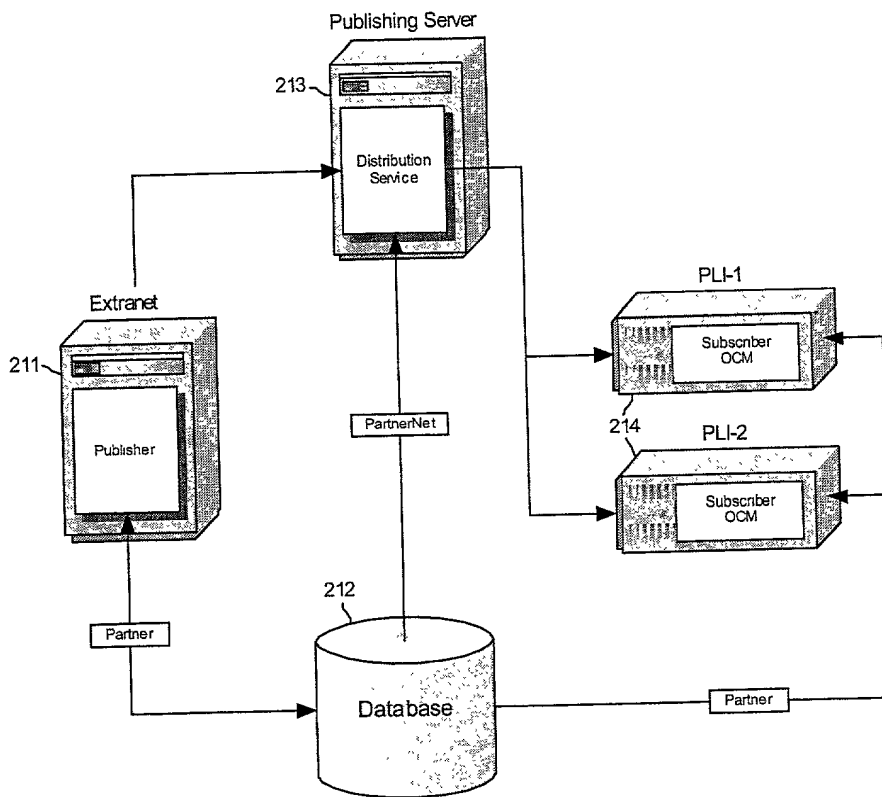


FIG. 21

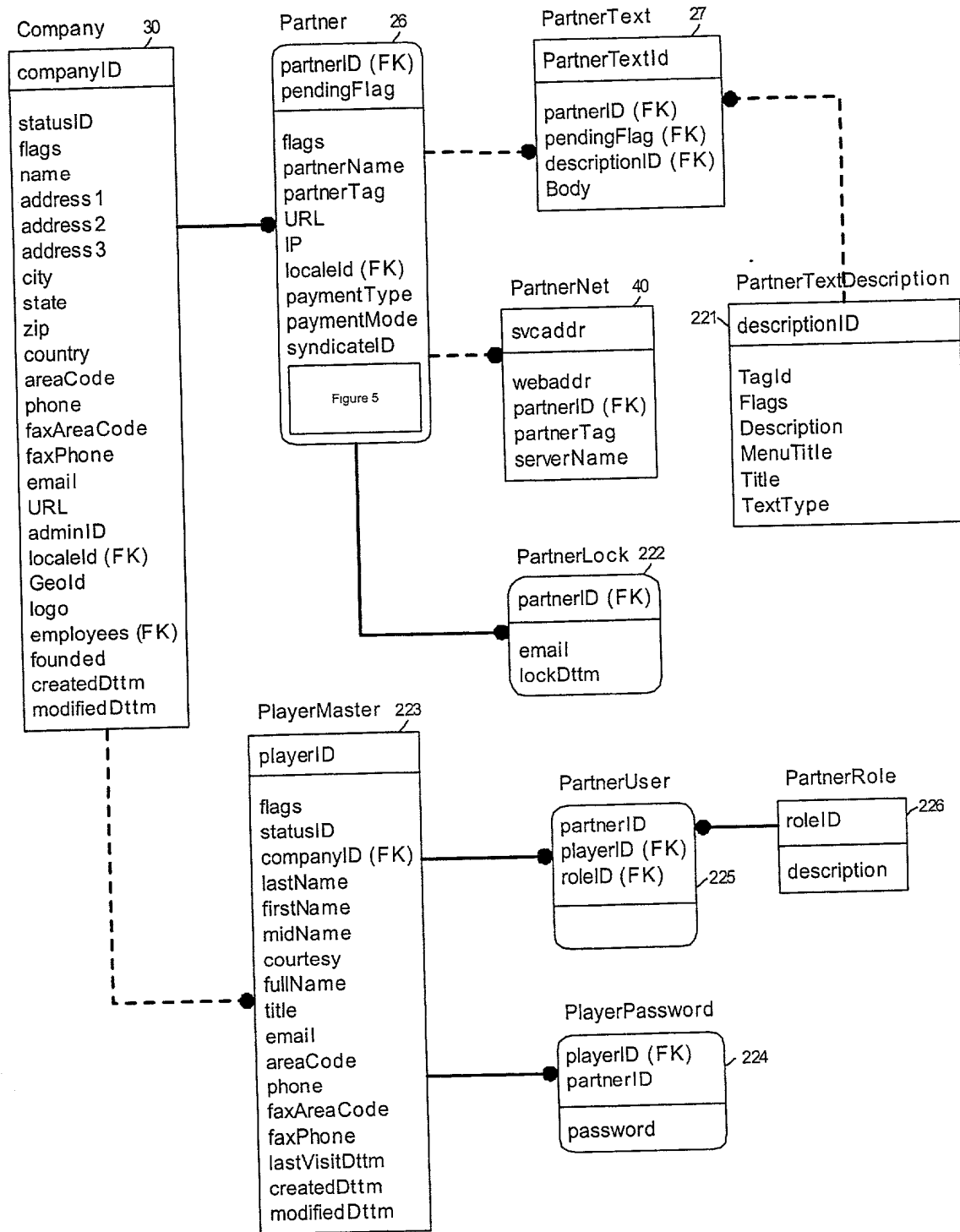


FIG. 22

Welcome

Newmediary

GENERAL [logout](#)

[home](#)  
[partner network](#)  
[create partner](#)  
[change partner](#)  
[delete partner](#)  
[preview partner](#)  
[publish](#)  
[debug](#)

BASIC DESIGN

HTML WRAPPERS

E-MAIL MESSAGES

DATA

REVENUE

REPORTS

230

Howdy partner!

This site contains tools that allow you to edit the look of your NewMediary Partner site, customize the content of site generated e-mails, and analyze the site traffic and revenue data.

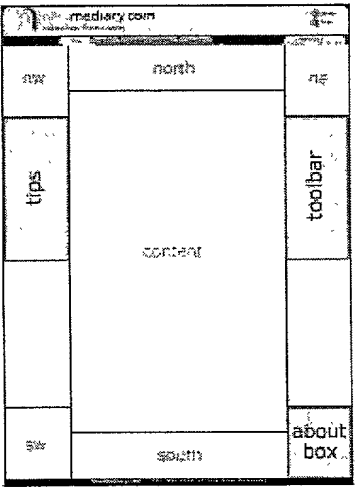
GENERAL INFORMATION	
Name:	Newmediary
Tag:	newmediary
URL:	network.newmediary.com
Parent URL:	www.newmediary.com
IP address:	216.35.192.226
Browser title:	Newmediary.com - Find Business. Find Businesses
Support e-mail:	help@newmediary.com
Support phone:	1-800-758-5278
Logo:	
Options:	<input checked="" type="checkbox"/> cross-partner branding is enabled <input type="checkbox"/> This is a demo site <input type="checkbox"/> This site is "coming soon!" <input checked="" type="checkbox"/> This site is hidden
Blurb:	
<input type="button" value="save"/> <input type="button" value="revert"/>	

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FIG. 23A

FIG. 20 2520660

Here are the page layout settings for your NewMediary Partner site. As you change values on the left, new values will be reflected in the sample table shown on the right.

Page Layout	
GENERAL	
Body width:	<input type="text" value="100%"/>
Toolbar width:	<input type="text" value="150"/>
Tips width:	<input type="text" value="130"/>
COMPONENT PLACEMENT	
Toolbar:	<input checked="" type="checkbox"/> enabled
Tips:	<input checked="" type="checkbox"/> enabled
About box:	<input checked="" type="checkbox"/> enabled
Layout:	

SAVE REVERT

232

233

234

235

FIG. 23B

FIG. 23C

Here are the basic style settings for your NewMediary Partner site. As you change values on the left, new values will be reflected in the sample table shown on the right.

Basic Styles	
MAIN PAGE CONTENT	
Background image:	<input type="text" value="http://ben.85/redesign/spacers"/>
Background color:	<input type="text" value="#FFFFFF"/> <input type="button" value="chooser"/> 236
Foreground color:	<input type="text" value="#000000"/> <input type="button" value="chooser"/>
Highlight color:	<input type="text" value="#990000"/> <input type="button" value="chooser"/>
Font size:	<input type="text" value="2"/> <input type="button" value="chooser"/> 237 238
Font face:	<input type="text" value="Verdana,Arial,Helvetica"/> <input type="button" value="A chooser"/>
Attributes:	<input type="checkbox"/> bold <input type="checkbox"/> italic 239
ERRORS	
Foreground color:	<input type="text" value="#FF0000"/> <input type="button" value="chooser"/>
Attributes:	<input checked="" type="checkbox"/> bold <input type="checkbox"/> italic
HYPERLINKS	
Link color:	<input type="text" value="#003399"/> <input type="button" value="chooser"/>
Active link color:	<input type="text" value="#003399"/> <input type="button" value="chooser"/>
Visited link color:	<input type="text" value="#003399"/> <input type="button" value="chooser"/>
Hovered link color:	<input type="text" value="#66CC33"/> <input type="button" value="chooser"/>
PAGE TITLES	
Foreground color:	<input type="text" value="#000000"/> <input type="button" value="chooser"/>
Font size:	<input type="text" value="3"/> <input type="button" value="chooser"/>
Font face:	<input type="text" value="Verdana,Arial,Helvetica"/> <input type="button" value="A chooser"/>
Attributes:	<input checked="" type="checkbox"/> bold <input type="checkbox"/> italic

Samples

This is a sample of the main body text.

This is a sample of highlighted text.

This is a sample of error text.

[normal link](#)  
[active link](#)  
[visited link](#)  
[hovered link](#)

Page Title

Kicker Title

NOTICE TITLE

400

FIG. 23C

FIG. 23D

The footer HTML block describes the bottom of each page on your partner site. Along with the header HTML block, these two code fragments form a visual "wrapper" for your site.

Test each link in your HTML block. Use only full absolute references to your web site; relative references will only direct the user to an error page on the NewMediary servers!

**Footer HTML**

save | revert | 404

```
<TABLE border=0 cellPadding=6 cellSpacing=0 width="100%">

<TR>
  <TD align=middle bgColor=#003399><A href="/help/"><IMG alt="Help"
    border=0 height=16 src="<%=imgsrv%>/footer/help.gif"></A>
    &nbsp;&nbsp;&nbsp;&nbsp;<A href="/about/"><IMG alt="About Us"
    border=0 height=16 src="<%=imgsrv%>/footer/aboutus.gif" width=53
```

update preview | 402


401


editor rows: 7 | cols: 70 | wrap: ☐

**HTML PREVIEW**

Note, this preview may not be exactly accurate (e.g. broken images)

help | about us | jobs | usage rules | privacy statement |  
advertising info | partners

This site is best viewed with Internet Explorer, versions 4.0 or higher.  
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403

FIG. 23D

**Table 1.** Demographic characteristics of study population

	N (%)
Age group (years)	
<60	79 (8.2)
60-69	100 (10.5)
70-79	100 (10.5)
≥80	100 (10.5)
Total	279 (29.2)
Gender	
Male	150 (15.7)
Female	129 (13.6)
Total	279 (29.2)
Ethnicity	
Chinese	100 (10.5)
Malay	100 (10.5)
Indian	100 (10.5)
Others	79 (8.2)
Total	379 (39.7)
Marital status	
Married	100 (10.5)
Single	100 (10.5)
Widowed	100 (10.5)
Divorced	79 (8.2)
Total	379 (39.7)
Education level	
Primary school or below	100 (10.5)
Secondary school	100 (10.5)
Tertiary school	100 (10.5)
Total	300 (31.5)
Religion	
Buddhist	100 (10.5)
Hindu	100 (10.5)
Muslim	100 (10.5)
Catholic	79 (8.2)
Others	79 (8.2)
Total	468 (49.1)

As the administrator of your Partner site, you have the ability - nay, the responsibility - of delegating access to other users to administer all or parts of your Partner site. Use the following form to add, edit, delete users from the delegation list.

**USER DELEGATION**

e-mail:   406

e-mail	Name
susan@newmediary.com	Brunelli, Susan J
brunelli@newmediary.com	Brunelli, Susan
<b>scott@newmediary.com</b>	<b>Cohen, Scott S</b>
alayna@newmediary.com	Cohn, Alayna
steven@newmediary.com	Cohn, Steven
frank@newmediary.com	Hertz, Frank M.
john@newmediary.com	Potter, John

**Permissions**

Roles:   407

<input type="checkbox"/> General properties	<input type="checkbox"/> Preview design 408
<input type="checkbox"/> Publish	<input type="checkbox"/> General content containers
<input checked="" type="checkbox"/> Usage reports	<input type="checkbox"/> About container
<input checked="" type="checkbox"/> Revenue reports	<input type="checkbox"/> Story container
<input checked="" type="checkbox"/> Build packages	<input type="checkbox"/> Home page override
<input type="checkbox"/> Assign Packages	<input type="checkbox"/> Email
<input type="checkbox"/> Page layout	<input type="checkbox"/> User delegation
<input type="checkbox"/> Design styles	<input type="checkbox"/> Invoice management

**edit** **remove**

FIG. 23E



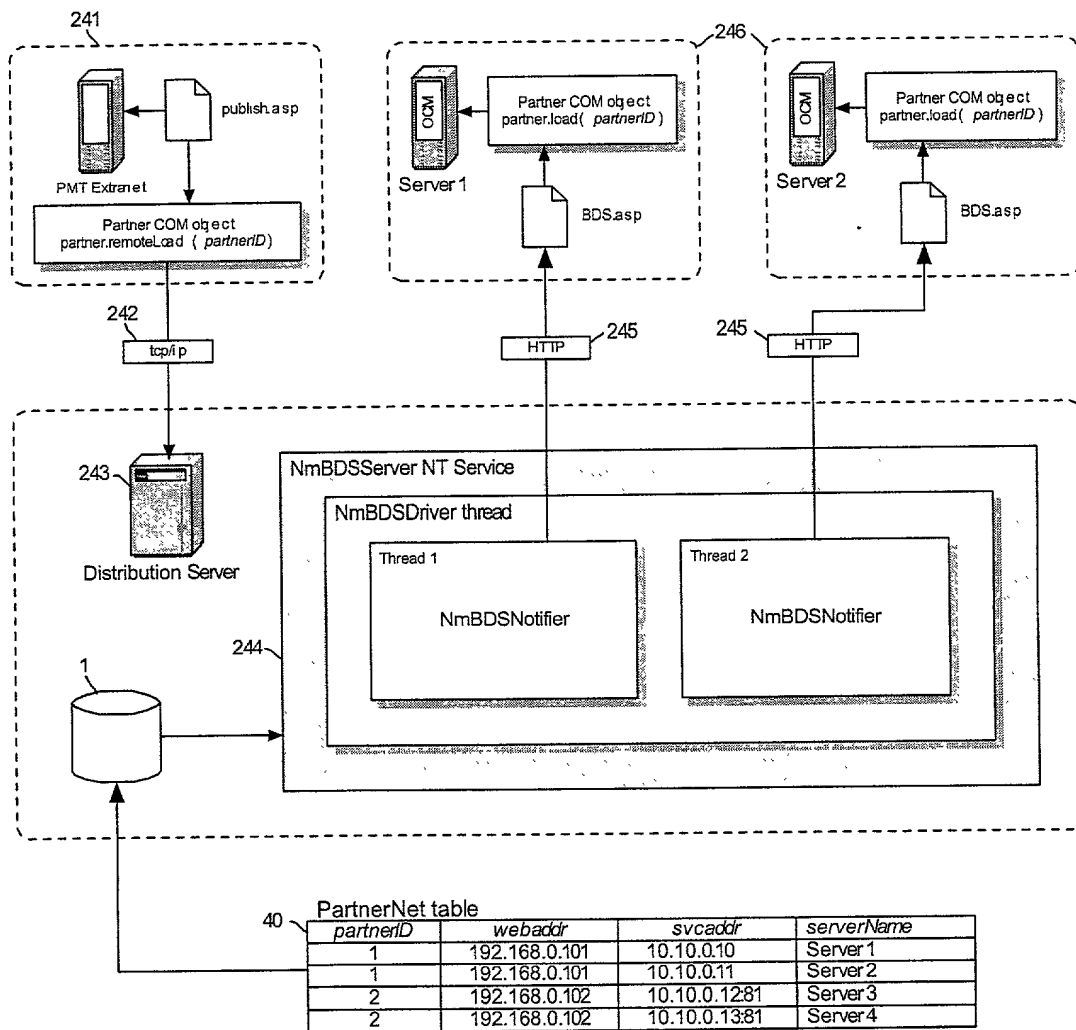


FIG. 24

```

<object runat="Server" scope="Application" id="NmEnums" progid="NewMediary.Enumerations"></object>
<object runat="Server" scope="Application" id="partner" progid="NewMediary.Partner"></object>
251

<script language="JavaScript" runat="Server">

//=====
function Application_OnStart () 252
{
    var ws = Server.CreateObject("Wscript.Shell");
    var srvnam = ws.regRead("HKLM\\Software\\NewMediary\\srvnam");
    Application("matrix_DSN") = ws.regRead("HKLM\\Software\\NewMediary\\DSN");
    Application("matrix_usnam") = ws.regRead("HKLM\\Software\\NewMediary\\usnam");
    Application("matrix_passwd") = ws.regRead("HKLM\\Software\\NewMediary\\passwd");
    ws = null;
}

//=====
function Session_OnStart () 253
{
    var host = Request.ServerVariables("HTTP_HOST");
    var path = new String(Request.ServerVariables("PATH_INFO")).toLowerCase();
    var isDemo = ((host == "demo.newmediary.com") || (path.indexOf("/demo/") >= 0));

    if ((!isDemo) || (!partner.isInitialized()))
    {
        try
        {
            Application.Lock();
            if (!partner.isInitialized())
                partner.initialize(lookupPartner(host));

            Application.Unlock();
        }
        catch (e)
        {
            Application.Unlock();
        }
    }
}

//=====
function lookupPartner (host) 254
{
    var partnerID = 0;
    try
    {
        var addr = Request.ServerVariables("SERVER_NAME");
        var matrix = Server.CreateObject("ADODB.Connection");
        matrix.open(Application("matrix_DSN"),
            Application("matrix_usnam"), Application("matrix_passwd"));

        var sql = "GetPartnerID @svcaddr='" + host + "',@ip='" + addr + "'";
        var rs = matrix.execute(sql);

        if (!rs.EOF)
            partnerID = rs("partnerID").value;

        rs.close();
        matrix.close();
        rs = null;
        matrix = null;
    }
    catch (e)
    {
        // do nothing
    }

    if (partnerID == 0)
        partnerID = NmEnums.NMID;

    return (partnerID);
}

</script>

```

FIG. 25



FIG. 27

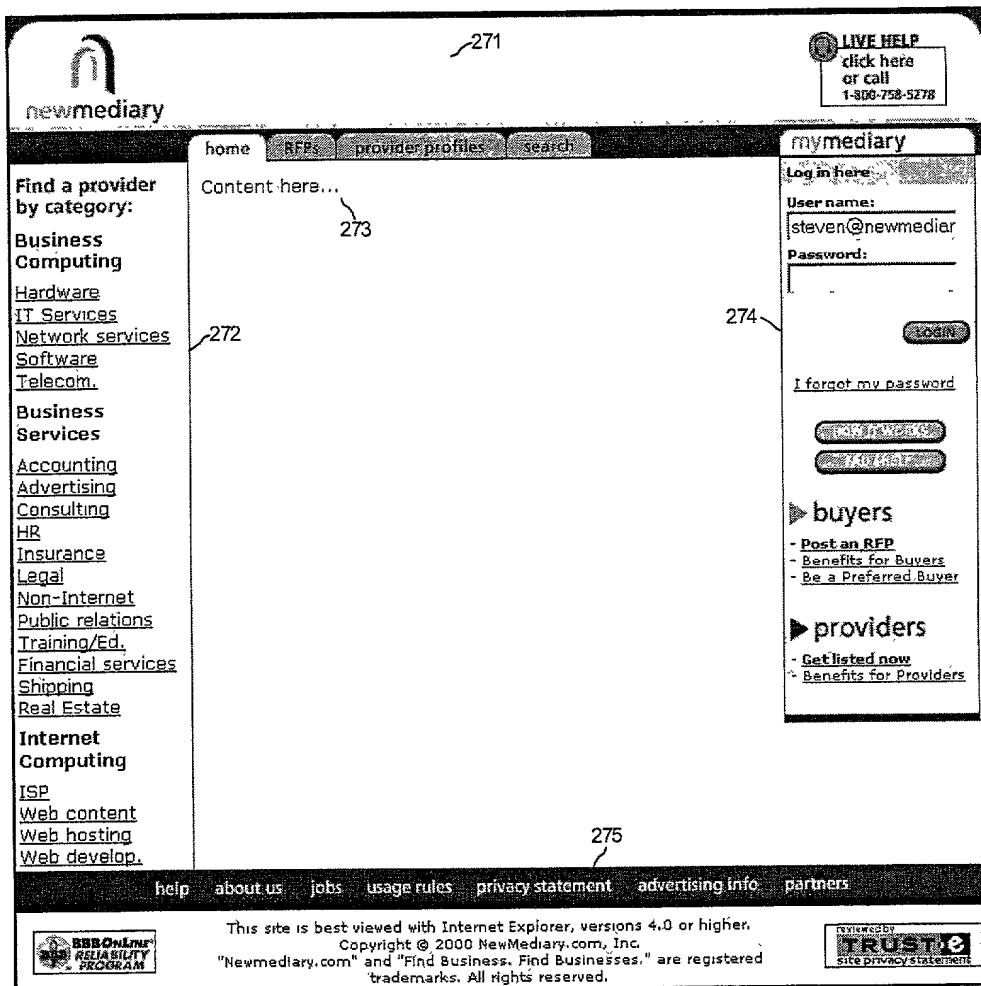


FIG. 27

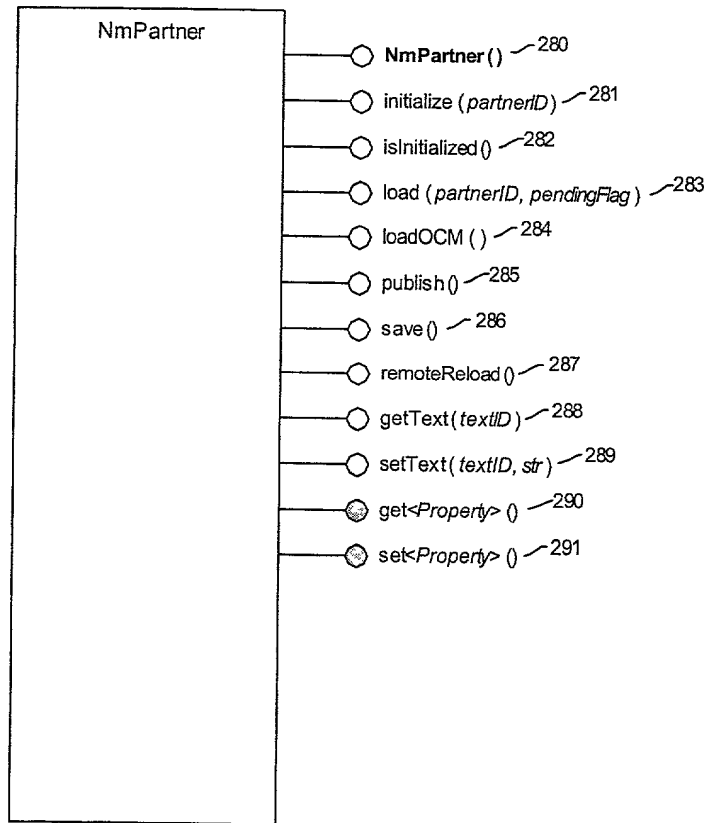


FIG. 28A

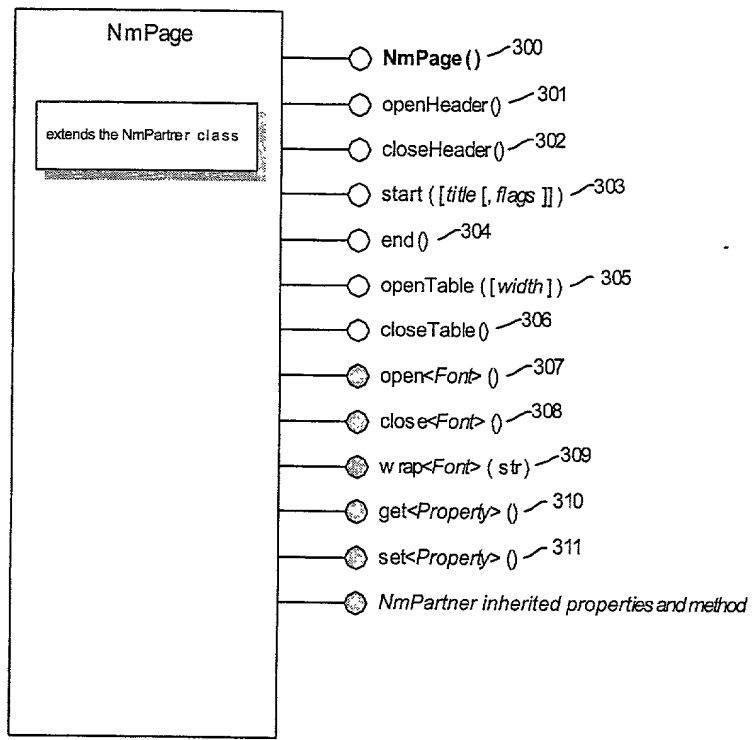


FIG. 28B